D-68/3/10



SHANGHAI MUNICIPAL POLICE

CROSS-REFERENCE SLIP

CONFIDENTIAL.

on Br. Registry. DEELOE

FILE NO.D 6813/10

SUBJECT:

LIST OF BROADCASTING STATIONS IN SHANGHAI

PARTICULARS	OFFICE	FILE NO.
	1	
3		
INSTRUCTIONS SEE OVER		

File No.....

SHANGHAI MUNICIPAL POLICE.

S.1, Special Branen Salida,

REPORT

Date Sept. 12, 1040.

Subject (in full) Lists of Radio Stations in Shanghai.

Made by D.S.I. Logan

Attached herewith are four lists of radio stations operating in Shanghai :-

- (a) List of Amateur Shortwave Radio Stations.
- (b) List of Commercial Shortwave Radio Stations.
- (c) List of Commercial Broadcasting Stations.
- (d) List of Broadcasting Stations engaged in broadcesting news and comments.

FILE

Sent, 13/9

D.C. (Special Branch)

LIST OF MEMORES OF THE L.A.R.A.C. IN SHANGHAL.

(a)	XU4XA-E.A. Lower,		C/o XUBMI.
(i)	XU8AG-Andre Guillabert,	Tel.80050	Revenue Office, F.M.C., 375 Avenue Joffre.
(a)	XU8AM-W.H.Wood,	50202	
(1)	XUSAT-A. Petitimoert,	76913	Apt.8, 91 Rte. Remi.
(a)	XUSAU-A.U. Fox,	11340	₽.0. iox 457.
(i)	Xu8mn.D. prown,	15309	Robert Pollar Co., 51 Canton Road.
(a)	XU8Ga-E.W. srambleby,	31880	10 Temple Lane.
(a)	XUSCM-C.T. mcClellan,	13500	mackay Radio & Telegraph Co., 209 Sassoon nouse.
(1)	XUSCR-C.R. Snekury,	70180	Auto Palace, 100 Rte. Cardinal mercier.
(a)	XUSDM-Mrs. Dorothy W. miller	r,	Room 18, 830 www. Well Rd.
(1)	XUSEF-E.A. Fabian,	20523	59 Mdinourgh Road.
(a)	XUSEF-N. Turnoull,	51958	c/o butterfield & Swire, nolt's Wharf, Pootung.
(i)	XU8FK-Dr.Robert brzesowsky,		Apt. 523, Emuankment building.
(i)	Xu8GC-G.C.F. Whitaker,	11070	c/o Kailan mining Adm., 12 The Dund.
(1)	XUSGF-G.G. Forestier,	17605	Shenghai Telephone Co., 232 Kiangse Road.
(1)	XU8GP-H.G.s. Perry,	12487	Standard-Vacuum Oil Co., 94 Canton Road.
(a)	XU8GW-n.Y. Tsien,		c/o Amateurs nome, 323 Kiangse Road.
it ligh	Xuonr-n.r. Parks,	13288	Apt. 418, namilton nouse.
(1)	Xushn-n. henley,	20278	nouse 12, Lane 102, Great Western Road.
(a)	XUSHJ-Harold Johnson,	70199	Shangnai American School, 10 Avenue Petain.
(V)	XUBHM-H. Hodgman,	39997 3 6 002	& 645 Gordon Road.
(a)	XUSHV-H.C. Varnum,	77907	nouse 13, Passage 172, Rts. Amiral Courset.

(a)	XU8WK-Welter Korout,	Tel	840 Weinsiwei Road.
(a)	XU8Wm-W.W. wonk,	12367	Fist Mo.2, 3rd Fir., 267 Klangse Road.
(a)	XUS/R-C. Kownt,		nouse 8, Lane 227, Yates Hoad.
(a)	XU8#S-Welter T. Sullivan,	60578	F. U. LOX 1195.
(1)	XU8#V-Wm. vallesuk,	72774	35 Route voyron.
(a)	XU8Z:-A.p. Galder,	18199	Shanghal Electric Constr.
(a)	XU8Zm-Z.m. Unen,		79 Jorire Terrace, Route Cardinal mercier,
(1)	XUSLD-L.S. Drakeford,		c/o Asiatic Petroleum co., 1 The Dund.

 $_{16}O_{1}^{167}$:- (a) - Active (i) Inactive.

LIST OF KNOWN SHORTWAVE STATIONS OPERATING IN THE INTERNATIONAL SETTLEMENT - September 10, 1940.

	Name of Owner	Call Sign	Power and wavelength	Address of Control Station	Location of transmitter	Particulars of broadcast made	Office address & Name of the responsible person, etc.
1	Jardine Matheson & Company, Ltd.	XWB XWO XWM XWR	41M - 100W 41M - 250W 32M - 750W 41M - 250W	992 B'Well Rd. (Top) and 110/15 Moulmein Road.) 220 Kiukiang n Rd.(alterna- tive #7 The Bund.	Ships, coast, river service and ports.	Office at 27 The Bund. A.R. St. Louis or A. Frager.
2	Butterfield & Swire	GTEN	38.5M - 500W		elen Line Bldg.,	- do -	N. Smert.
3	Mollers' Towages, Ltd.	(XVB	39.5M -200W		Chartered Bank, 18 The Bund.	Tugs only)) Vessels	Mr. A. Cormack wireless Supt.
4	Texas Co. (China)Ltd.	KEA	25M - 100W 48M - 100W		H. & S. Wank, 12 The Bund.	Tientsin.	•
5	Railan Mining Administration	XRV6	26M - 150W 50M - 150W	- do -	- do -	Tientsin and Chingwangtao.	
6	Globe Wireless Co.	Various XGYXGH	33M 2x2 KW 27M 1x1 KW etc. 16754/11065 Frequency	Lane 354 Seymour Road, House 5, 2nd floor.	Ascot Apts.	Manile	N. Brown 51 Canton Road.
	Shanghai Coast Station	XSG	600, 500 36M 3K.W.	51 Canton Road	51 Canton Road	Ship service	- do -

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		Name of Owner	Call Sign	Power and wavelength	Address of Control Station	Location of transmitter	Particulars of broadcast made	Office address Name of the responsible person, etc.
	7	Bentleys Ltd.	Various etc.XHM	Various 27M 4xl KW 31M 1x2 KW 42M	82 Wenyang Rd.	82 Wanyang Ed.	Domestic China	Mr. Marco Office, Chartered Bank, 18 The Bund.
	8	Shanghai Inter- national Radio Office (operated by Japanese)	Various XOU	Yarious 23m, Chengju	Sassoon House	Pingliang Rd. Changju	International	C.C.T.C.
		Shanghai Coast Station	X	600, 705 800m, 27 36, 48m 3 KW		Lay Road	C.C.T.C.	
	9	The Maritime Customs	XUL5	Not used				
	10	Esiatic Petroleum Company	APIO	80M - 40W	1 The Bund	1 The Bund	To installation	Mr. Barter, A.R. St. Louis
	11	China Printing & Finishing Co.	CPO	80M - 5W	Way Foong House	Wayfoong House	To print works, Pootung	A.R. St. Louis.
•	12	Hongkew & Shanghai Wharf Company	SO/SV	50M - 5W	Wharf	Therf	Pootung	A.R. St. Louis
	13	Standard Oil Co.	Nil. (will	l be 5W Phone	from office to Insta	allation)		
	14	Press Wireless	X UV	30M - 8KM	Hwakee Avenue B'Well Road,	Hwakes Avenue	W.S.A. only and Manila.	Hemilton House A. R. Lucey.

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	Name of Owner	Call Sign	Power and wavelength	Address of Control Station	Location of transmitter	Particulars of broadcast made	Office address å name of the responsible person etc.
15	Domei	7	38%-500W	Domei Office, Avenue Ed.VII	Domei Office	Japanese occurpied areas	
16	Reuters	XXXXX	31 N-5 KM	Office	Rue du Grouchy	London, Hong- kong and Ports	J.R. John.
17	Osaka Asahi Shimbun	Kana	27, 39, 49M 3x700 W	E/Seward Boad opposit Lester Institute	Quinsen Garden	Japan	Tubasaki •
18	Chinese-Italian Wavigation Co.	ILEM	49% 100W	Canton/Szechuen Roads	Canton/Ssechuen Roads	Ship service	Y.P. Yui.
19	Hung Teh Trading Co. 635 Smechuen Road.	, -	40M-20M	578 Peking Bd.	578 Peking Road	Ningpo (private commercial purpose)	T.I. Hendry.
20	German Radio Station	-	251	3 Great Western Boad.			
21	Beuters, Brocklemen & Company			452 Kiangee Rd.			
22	China Wational Aviation Corporation	CNAC		Burlington Hotel, Bubbling Well Rd.			

LIST OF BROADCASTING STATIONS IN SHANGHAI - September 10, 1940.

In	quency	Power : Watts	Call Sign	Name & Address	<u>Nationality</u>	Remarks
	550		XPBS	Portuguese Broadcasting Station, 1166 Bubbling Well Road.	Portuguese	
	560		2773			
	570		XRGS	German Broadcasting Station	German	
	580					
x	600	500	ZMHA	Hwa Mei, 445 Race Course Road.	American	
	630	-	XQHA	Great Bastern (Dah Tung), Whangpoo Wharf, Yangtszepoo	Japane se	
x	700	500	XDCHC	Shanghai Evening Post and Mercury Station, 19 Avenue Edward VII	American	
	720	200	MHE	American Commercial Broadcasting Station, Room 266, 131 Hoopeh Road.		
	740	100	XHHB	Kien Wah, Lane 504, 36 Avenue Foch-	Chine se	
X	760	1,000	XXXHD	Foh Ying (Christian Broad- casting Station), 128 Museum Road.	Foreign owned.	At present being interfered with.
	780	100	У НН Х	Yeu Lien (Frien), 4th floor, Chung Nan Hotel, 560 Avenue Edward VII.	Chine se	

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	'n	requency	Power : Watts	Call Sign	Name and Address	Nationality	Hemarks
		800	50	XILHA	Sun Sun Station, Sun Sun Co. Building, Nanking Boad.	Chine se	
	X	820	-	XQHB	Chi Kai, 274 Houts Prosper Paris (French Concession).	American	
		840	100	XHHR	Lai Tung Station, 15 Love Lane.	Japane se	
10		860	100	XLHG	Tung Foh Station, 245 Chekiang Road.	Chinese	
		880	-				
		900	-	KOJB	Dat Shang Hei, Hardoon Building Nanking Road.	Japane se	
•		920	-				
		940	-	XXII	Ching Hylen Broadcasting Station, 82 Yates Boad.	Japane se	Trial broadcasts are being made irregularly.
		960	100	XHHP	Ming Yuen Station, 132 Hoopeh Road.	Chine se	
		980	400	XHE	Dah Hwa Station, Room 316, 579 Kiukiang Road.	Chine se	
	;	1000	-				
	;	1020	100	XLHB	Hwa Tai Station, 161 Cauton Road.	Chine se	

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•	Prequency	Power : Watts	Call Sign	Name and Address	Nationality	Remarks
	1040	100	XHHH	Great China Station, 313 Foochow Road	Chine se	
	1060	100	XQHT	Ya Kai Station, 84 Fokien Road.	Italian	
	1080	100	XQCT	Liang Yeu Station, 454 Nanking Road	Swiss	
	1100	100	XHEA	Sin Hwa Station, 470 Nanking Road.	Chinese	
	1150	100	MHJ	Da Lai Station, 6th floor, Tai Woo Building, 81 Lleyd Rd.	*	
	1140	100	XHHM	Dah Mei Station, 15 Bubbling Well Road.	•	
	1160	100	XHTM	Tsing Mei Station, 130A Avenue Road.	•	
\	1180	100	XHIZ	Hong Nyih Station, 98 Canton Rd.	•	
*	1800	100	XHHN	Kuo Rwa Station, 535 Canton Rd.	**	
	1290	100	xces	Sing Sung Station, 423 Nanking Road.	Japane se	
	1240	100	XHHY	Lee Lae Station, 395 Bubbling Well Road.	Chine se	
	1260	100	XHP	Hwa Shing Station, 19 Tsingtao Road.	Chine se	
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I	requency	Power : Watts	Call Sign	Name and Address	Nationality	Benarks
	1280	100	XHHC	Dah Yah Station, 545 Kiukiang Rd.	Chine se	
	1300	100	XOHG	Skylark (Tien Chuan) Station, 701 Foochow Road.	German	
	1320	-	XHIHO	Dah Sing Station, 819 Nanking Rd.	Swedis h	
	1340	150	XHHD)	Anglo-Chinese Broadcasting Station, 441 Hankow Road.	British	
	1360	200	XHT	Good Friends Station, Lane 77, 12 Kweichow Boad.	Polish	
	1380	100	XOHK	Grand Station, 4 Bubbling Well Rd.	Chine se	
x	1400	•	FFZ	French Station, 193 Avenue Joffre (French Concession).	French	
	1420	-				
	1440	-	XCDN	N.C.D.N. Station, 17 The Bund.	British.	

X showing stations not registered with the Japanese Radio Broadcasting Control Office, Room 316, Hardoon Building, Nanking Road.

List of Broadcasting Stations engaged in broadcasting news and news comments

Station	Wavelength	Description of broadcast & times	Announcer and/or commentator
X.M.H.A. 445 Race Course Road	600 K.C.	English language commentary	
(American)		Daily (except Sundays) - 8 a.m. (10 to 15 minutes)	Carrol Alcott (American) (China Press)
		Sundays - 9.30 a.m. (10 to 15 minutes)	
		Daily - 1 p.m. (15 to 30 minutes)	
		Daily - 10.15 p.m. (15 to 30minutes)	
		News in German	
		Daily (except Sundays) - 4 p.m. (5 minutes approx.)	German (Emigrant)
		w - 4.40 p.m. (- do -)	
		"Fireside Chat"	
		Thursday - 9.30 p.m. (15 minutes approx.)	R.D. Chisholm American ("shopping news")
X.O.J.B.	900 K.C.	News in English	
Hardoon Building, Nanking Road		Daily - 1 p.m. to 1.30 p.m.	Japanese (Domei)
(Japane se)		7.50 p.m. to 8 p.m.	
		News in Mandarin	
		Daily - 2 p.m. to 2.30 p.m.	
		9 p.m. to 9.25 p.m.	
		News in Cantonese	
		Daily - 5.30 p.m. to 6 p.m.	

Station	Vavelength	Description of broadcast & times	Announcer and/or commentator
X.O.J.B. (continued)		News in Shanghai dialect Daily - 6.30 p.m. to 7 p.m. Explanatory News Summary in Mandarin Daily - 9.50 p.m. to 10.05 p.m. Weekly review of news in English Sundays - 6 p.m. to 6.30 p.m.	
X.Q.H.A. 340 Yangtazepoo Rd. (Japanese)	630 K.C.	News in English & Russians Daily - 1.20 p.m. (about 30 minutes) - 6.30 p.m. (- do -)	Japanese and Russian (Domei)
X.Q.H.B. 274 Route Prosper Peris (American)	820 K.C.	12.50 p.m. (about 15 minutes) 8.15 p.m. (- do -)	Mrs. C.M. Robertson.
X.M.H.C. 19 Avenue Edward VII (American)	700 K.C.	News in English 12.45 p.m. (about 15 minutes) 8.30 p.m. (- do -)	Tiblebaum (American) (Shanghai Evening Post & Mercury)
F.F.Z. Alliance Francaise (French)	1400 K.C.	News in French 1 - 1.15 p.m. 8.30 - 8.45 p.m. News in Shanghai Dialect 6.15 - 6.30 p.m.	

Station	Wavelength	Description of broadcast & times	Announcer and/or commentator
F.F.Z. (continued)		News in Kandarin 6.35 - 6.50 p.m. News in Russia 7.30 - 7.45 p.m. News in English 9 - 9.30 p.m.	French (Havas)
X.M.H.D. 128 Museum Road (Christian Broad- casting Association)	760 K.Q.	News in English Daily - 12.45 to 1 p.m. - 9 to 9.15 p.m.	(North China Daily News)
X.C.D.N. Room 430, Cathay Hotel, Nanking Road. (British)	1440 K.C.	News Bulletin in English 12.45 - 1 p.m. 7.45 - 8 p.m. 9.30 - 9.45 p.m. News Bulletin in German 1.30 - 2 p.m. Tea Time Chat 3.30 p.m. Chinese Programme in Kandarin and Shanghai Dialects 4.30 p.m.	Raymond C. Phillips.

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Station	Wavelength	Description o	of brosicast & times	Announcer and/or commentator
X.C.D.N.		Foreign Language E	Broadcasts (various)	
(continued)			6 - 7 p.m.	
		French Programme	7 p.m.	
		Russian Programme	10.30 p.m.	
		German Programme	11.15 p.m.	
X.G.R.S.	570 K.C.	News and Press Com	ments	
(German) 3 Gr. Western Rd.			7.30 - 7.45 p.m.	Announcer - not available.
			1.15 - 1.30 p.m.	
			7.30 - 8.00 p.m.	
			11.15 - 11.25 p.m.	

SHANGHAI MUNICIPAL POLICE.

S.1, Special

REPORT

Date Nargh B. 7

Subject (in full) Radio news broadcast and commentary on los

Made by Dasala MacAdie Forwarded by

Attached is an up-to-date list showing radio stations in Shanghai engaged in broadcasting news and commentary together with the times of broadcast, language, nationality of announcer and/or commentator and name where known as well as the news service supplied.

Q La Branchen

D.C. (Special Branch)

List of Radio Stations engaged in broadcasting news and commentary

Station	Wavelength	Description of broadcast & times	Announcer and/or comments		
X.Y.H.A.	600 k.c.	English language commentary			
45 Race Course Road American)		Daily (except Sundays) - 8 a.m. (10 to 15 minutes)	Carrol Alcott (American) (China Press)		
		Sundays - 9.30 a.m. (10 to 15 minutes)			
		Daily - 1 p.m. (15 to 30 minutes)			
		Daily - 10.15 p.m. (15 to 30 minutes)			
		News in German			
		Daily (except Sundays) - 4 p.m. [5 minutes approx.)	German (Emigrant)		
		• - 4.40 p.m. (- do -)			
		"Fireside Chat"			
		Thursday - 9.30 p.m. (15 minutes approx)	Rad. Chisholm. American (Shopping News)		
X.M.H.D.	760 k.c.	News in English			
128 Museum Road (Christian		Daily - 12.45 to 1 p.m.	F.B. Fearon (British) (North China Daily News)		
Broadcasting Assn.)		- 9 to 9.15 p.m.	(NOTER ONING Daily News		
		News in Chinese (translation of above)			
		Daily - 1.30 p.m. to 1.45 p.m.	North Chima Daily News		
		- 9.15 p.m. to 9.30 p.m.			

	Station	Wavelength	Description of broadcast & times	Announcer and/or commentator				
	X.H.H.B.	740 k.c.	News in English					
	Lane 504, 36	enue Foch Daily - 1.15 p.m. (15 minu hinese)	Daily - 1.15 p.m. (15 minutes)	German (Nami)				
	(Chinese)		- 7.20 p.m. (10 minutes)	(Transocean News)				
			English Language Commentary					
			- 7.45 p.m. (15 minutes)	 (a 0				
			News in Chinese					
			Daily - 2 p.m. (15 minutes)	Transocean news				
			- 9.20 p.m. (15 minutes)					
			News in Russian	A.V. Petrov (Russian) (Shanghai Zaria)				
			- 8 p.m. to 8.40 p.m. (Interspersed with humorous anecdotes)	(Shanghai Zaria)				
	X.O.J.B.	900 k.c.	News in English	Japanese				
	Hardoon Building, Nanking Road		Daily - 1 p.m. to 1.30 p.m.	(DOMEL)				
	(Japanese)		7.50 p.m. to 8 p.m.	Japanese (Domei)				
			News in Mandarin					
			Daily - 2 p.m. to 2.30 p.m.					
			9 p.m. to 9.25 p.m.					
			News in Cantonese					
			Daily - 5.30 p.m. to 6 p.m.					
			News in Shanghai dialect Daily - 6.30 p.m. to 7 p.m.					

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	Station	Wave length	Description of broadcast & times	Announcer and/or commentator
			Explanatory News Summary in Mandarin	
			Daily - 9.50 p.m. to 10.05 p.m.	
	X.C.J.B. (continued)		Weekly review of news in English	
	(continued)		Sundays - 6 p.m. to 6.30 p.m.	
\	X.Q.H.A.	630 k.c.	News in English & Russian	
,	340 Yangtszepoo Rd. (Japanese)		Daily - 1.20 p.m. (about 30 minutes)	Japanese and Russian (Domei)
			- 6.30 p.m. (- do - }	(Doder)
	X.Q.H.B.	820 k.c.	News in English	
	274 Route Prosper Paris (American)		12.50 p.m. (about 15 minutes)	Mrs. C.M. Robertson. American. (Shanghai Times)
			8.15 p.m. (- do -)	(Shanktar - ruce)
	X.M.H.C.	700 k.c.	News in English	
	19 Avenue Edward VII (American)	1	12.45 p.m. (about 15 minutes)	Herbert Moy. (American)
			8.30 p.m. (- do -)	(Shanghai Evening Post & Mercury
	F.F.2.	1400 k.c.	News in French	
	Alliance Francaise	1400 K.C.		French
	(French)		9 p.m. (about 15 minutes)	(Havas)

SHANGHAI MUNICIPAL POLICE.

File No

S.1, Special Branch Sichen

REPORT

Date 16 11 39 10

Subject Amateur Radio Broadcasting Stations in Shanghai.

G. 90M-.

Made by D.S.I. MacAdie. Forwarded by

Attached is a list of known Amateur Radio Broadcasting Stations in Shanghai, that is stations maintained by members of the International Amateur Radio Association of China, P. O. Box 685.

A complete list of members of the I.A.R.A.C. including those in Shanghai and elsewhere is also attached.

This list does not include persons with amateur sets who have not joined the Association or others such as office assistant Broadley of the S.M.P. who are not recognised by the Association.

An endeavour is being made to collect particulars of any other private stations not mentioned in the attached list or the list of commercial short wave stations.

D. C. (Special Branch).

Complete set of Long wave, Short wave and Amateur Stations sent "J"

LIST OF HEMBERS OF THE I.A.R.A.C. IN SHANGHAI

•	XU4XA-E.A. Lower,		c/o XUSMI.
70	XU8AG-Andre Guillabert, Tel.	80050	Revenue Office, F.M.C., 375 Avenue Joffre.
0	XUBAM-W.H.Wood,	50202	526 Ningkuo Road.
*	XUSAT-A.Petitimbert,	76913	Apt. 8, 91 Rte. Remi.
2	XUSAU-A.U.Fox,	11340	P. O. Box 457.
10	XUSBN-N.D.Brown,	15309	Robert Dollar Co., 51 Canton Road.
£ 2	XU8GB-E.W. Brambleby.	31880	10 Temple Lane.
@	XUSCM-C.T.McClellan,	13500	Mackay Radio & Tele- graph Co., 209, Sassoon House.
Z	XUSCR-C.R. Shekury,	70180	Auto Palace, 100 Rte. Cardinal Mercier.
0	XUSDM-Mrs. Dorothy W. Miller,		Room 18, 830 B'Well Rd.
Z	XUSEF-E.A.Fabian,	20523	59 Edinburgh Road.
•	XUSET-W.Turnbull,	51958	c/o Butterfield & Swire, Holt's Wharf, Pootung.
Z	XUSFK-Dr. Robert Brzesowsky,		Apt.523, Embankment Building.
76	XUSGC-G.C.F.Whitaker,	11070	c/o Kailan Mining Adm., 12 The Bund.
70	XU8GF-G.G.Forestier,	17605	Shanghai Telephone Co., 232 Kiangse Road.
Z	XUSGP-H.G.B. PERRY,	12487	Standard-Vacuum Cil Co. 94 Canton Road.
0	XU8GW-H.Y.Teien,		c/o Amateurs Home, 323 Kiangse Road.
•	XUSHF-H.F. Parks,	13288	Apt. 418, Hamilton House.
K	XU8HH-H.Henley,	20278	House 12, Lane 102, Great Western Road.
4	XUSHJ-W. Harold Johnson,	70199	Shanghai American School, 10 Av. Petain.
@	XU8HM-H. Hodgman,	39997 & 30002	645 Gordon Road.
0	XUSHV-H.C.Varnum,	77907	House 13, Passage 172, Rte. Amiral Courbet.
K	XU818-Igor Shendrikoff,	78065	207 Route Winling.
T	XUSKA-A.Kovenko,		508 Route Vallon.

■ XU8KW-K.W.Johnstone,	Tel.21123 & 94090	17 Fo Shu Garden, Tunsin Rd.
% XUSLA-L. Alexander,	34763	New Savoy Bar, 1166, Bubbling Well Road.
@ XUSLS-S.Liu,	16220	587 Bubbling Well Road.
XUSMA-Dr.W.Malcolm,	29494 & 31480	244 Hungjao Road.
@ XUSMC-C.A.Geist,	37220	1280 Avenue Road.
@ XUSMI-Otto C.Miller,	30191	House 14, Lane 159, Seymour Road.
% XUSMR-E.P.Mouret,	70137	c/o Municipalite Francaise, 135, Route Frelupt.
% XUSMY-M.Ychaso,	75235	Apt. P, 240 Route de la Tour.
@ XUSNY-Edger S.Miller, ex K	GON IY	Room 18, 830 B'Well Road.
% XU80G-G.Oglodkoff,	78644	145 Route de Say Zoong.
@ XUSPL-Donald Tau,		Dept. Physics, St.John's University, Room 430, Tse Shu- Building, No. 1, 353 Nanking Road.
% XUSRA-A.Ray Appel,	51246	526 Hingkuo Road.
@ XUSRJ-J.Visor,	81783	Apt.37, 622 Ave. Joffre.
@ XUSRL-Robert Lang,	70137	Apt.51, 1363 Rue Lafayette.
@ XU8RM-Robert C.Morris,	50133	526 Ningkuo Road.
% XUSRX-R.V.Perkins, (absent	:)	69 Great Western Road.
@ XU8SA-S.A. Judah,	77555	Apt. 9, 150 Rte.des Soeurs.
XU88G-T.J.Engstrom,	38495	House 12, Lane 20, Seymour Road.
≠ XUSSL-C.J. da Silva,		Room 907, Central Police Station Building, 185 Foochow Road.
@ XUSST-S.Toropovsky,	36172	Apt. 52, 233 Race Course Rd.
XU8WG-Fred Shunaman,XU8WK-Walter Korbut,	35111	Flat 3 - B, 1191 Bubbling Well Road. 840 Weihaiwei Road
② XUSWM-W.W.Monk,	12367	Flat No.2, 3rd Flr., 267, Kiangse Road.
@ XUSWR-C.Kownt,		House 8, Lane 227, Tates Rd.
@ XUSWS-Walter T.Sullivan,	60578	P.O.Box 1195.
XUSWV-Wm.Vallesuk,	72774	35 Route Voyron.
@ AUSZA-A.B.Calder,	18199	Shanghai Electric Constr.Co., 185 Soochew Road.
•		

@ XUSZM-Z.M. Chen,

% XU9LD-L.S.Drakeford,

79 Joffre Terrace, Rte. Cardinal Mercier,

c/o Asiatic Petroleum Co., 1 The Bund.

ŧ

November 9th, 1939.

XUSAA - I.A.R.A.C., QRA. & QSL. P. O. Box 685.

(active) XU2AA - A. Antill,		B. M. C., Tientsin.
(active) XU2MC - Corporal Emory L. Arthur (XU2AW),		P. O. Box 45, Peking.
(active) XU4XA - E. A. Lower,		c/o XUSMI.
MU5HR - Z. Y. Chen,		Box 20, Sihfeng, Kweichow.
(inactive) XU6HP - H. P. Fung,		P. O. Box 150, Hongkong.
(active) ZU7HV - H. V. McVay,		Foochow.
(inactive) XUSAG - Andre Guillabert,	Tel. 80050	Revenue Office, F.M.C., 375 Av. Joffre
(active) XUSAN - W. H. Wood,	50202	526 Ningkuo Road.
(inactive) XUSAT - A. Petitimbert,	76913	Apt. 8, 91 Route Remi.
(active) XUSAU - A. U. Fox,	11340	P. O. Box 457.
(inactive) XUSBN - N. D. Brown,	15309	Robert Dollar Co., 51 Canton Road.
(inactive) XUSGB - E. W. Brambleby,	31880	10 Temple Lane.
(active) XUSCM - C. T. McClellan,	13500	Mackay Radio & Telegraph Company, 209 Sassoon House.
(inactive) XUSCR - C. R. Shekury,	70180	Auto Palace, 100 Route Cardinal Mercier.
(inactive) XUEDI - Troop Sergt. Major D.A. MacDonnell,		Armoured Divisional Signals, Abbassia, Cairo, SU., Egypt.
(active) XUEDE - Mrs. Dorothy W. Miller,		Room No. 18, 830 Bubbling Well Road.

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(inactive)	XUSEF	-	E. A. Fabian,	Tel.	20523	59 Edinburgh Road.
(active)	XU8RT	-	N. Turnbull,		51958	Holt's Wharf, Pootung. c/o Butterfield & Swire.
(inactive)	XU8FK	-	Dr. Robert Brzesowsky,			Apt. 523, Embankment Building.
	XUBGC	-	G. C. F. Whitaker,		11070	c/o Kailan Mining Adm., 12 The Bund.
(inactive)	XUEGF	-	G. G. Forestier,		17605	Shanghai Telephone Company, 232 Kiangse Road.
(inactive)	XU8GP	-	H. G. B. Perry,		12487	Standard-Vacuum Oil Co., 94 Canton Road.
(active)	XU8G ▼	-	H. Y. Taien,			c/o Amateurs Home, 323 Kiangse Road.
(active)	EHBUX	-	H. Brown,			c/o G. E. Goss, XUSNR.
(active)	XU8HF	-	H. F. Parka,		13288	Apt. 418, Hamilton House.
(inactive)	XU8HH	-	H. Henley,		20278	House 12, Lane 102, Great Western Rd.
(active)	XU8HJ	-	W. Harold Johnson,		70199	Shanghai American School, 10 Av. Petain.
(active)	KUSHM	-	H. Hodgman,		39997 & 30002	645 Gordon Hoad.
(active)	MEHA	-	H. C. Varnum,		77907	House 13, Passage 172, Route Amiral Courbet.
(inactive)	XU818	-	Igor Shandrikoff,		78065	207 Route Winling.
(inactive)	XUBKA	-	A. Kovenko,			508 Route Vallon.
(active)	XII SKA	-	K. W. Johnstone		21123 & 94090	17 Fo Shu Garden, Tunein Road.
(inactive)	XU81A	-	L. Alexander,		34763	New Savoy Bar, 1166 subblingWell Rd.

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(=addma)	VIIOTO		C 74	man.	16220	587 Bubbling Well Road.
(active)	VAOPE	-	S. Liu,	TAT.	10220	
((active)	XUBWA	•	Dr. W. Malcolm,		29494 & 31480	244 Hungjao Road.
(active)	XU8MC	-	C. A. Geist,		37220	1280 Avenue Road.
(active)	XU8MI	-	Otto C. Miller,		30191	House 14, Lane 159, Seymour Road.
(inactive)	XU8MR	-	E. P. Mouret,		70137	c/o Municipalite Française, 135, Route Frelupt.
(active)	XUSMT	-	Myron K. Terry,			255 W. Main Street, Norwalk, Ohio, U.S.A.
(inactive)	XU8MY	-	M. Ychaso,		75235	Apt. P, 240 Rte. Tenant de la Tour.
(active)	XU8NR	-	G. E. Goss,			2nd Signal Co., MC. Base, San Diego, Calif., U. S. A.
(active)	XUENTY	-	Edgar S. Miller, ex K6NIY			Room 18, 830 Bubbling Well Road.
(inactive)	XU80G	-	G. Oglodkoff,		78644	145 Route de Say Zoong.
(active)	XUSPL	•	Donald Tsu,			Dept. Physics, St. John's University, Room 430, Tee Shu Bldg., No. 1, 353, Nanking Road.
(inactive)	XUBRA	•	A. Ray Appel,		51246	526 Ningkuo Road.
(active)	Xuerj	-	J. Visor,		81783	Apt. 37, 622 Avenue Joffre.
(active)	XUERL	-	Robert Lang,		70137	Apt. 51, 1363 Rue Lafayette.
(active)	XU8RM	-	Robert C. Morris,		50133	526 Ningkuo Road.
(inactive)	KUSRX	-	R. V. Perkins, (absent)			69 Great Western Road.
(active)	XU88A	-	S. A. Judah,		77555	Apt. 9, 150 Route des Soeurs.

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the contract of the second of

(active)	KU88DX	-	Sheldon Dyson, (absent)		in U. S. A.
(active)	XU8 8 G	-	T. J. Engetrom,	38495	House 12, Lane 20, Seymour Road.
(inactive)	XU8SL	-	C. J. da Silva,		Room 907, Central Police Station Building, 185 Foothow Road.
(active)	XU8ST	-	S. Toropovsky,	36172	Apt. 52, 233 Racecourse Road.
(active)	XU8WG	-	Fred Shunaman,	35111	Flat 3 - B, 1191 Bubbling Well Road.
(active)	XU8Wk	-	Walter Korbut,		840 Weihaiwei Road.
(active)	XUSVA	-	W. W. Monk,	12367	Flat No. 2, 3rd Floor, 267 Kiangse Rd.
(active)	XU8WR	-	C. Kownt,		House 8, Lane 227, Yates Road.
(active)	XU8WS	-	Walter T. Sullivan,	60578	P. C. Box 1195.
(inactive)	XU8WV	-	Wm. Vallesuk,	72774	35 Route Voyron.
(active)	XU8ZA	-	A. B. Calder,	18199	Shanghai Electric Construction Co., 185 Soochow Road.
(active)	XU8ZM	-	Z. M. Chen,		79 Joffre Terrace, Route Cardinal Kercier.
(inactive)	KUSID	-	L. S. Drakeford,		c/o Asiatic Petroleum Co., 1 The Bund.
(notive)	VE5ACN	-	Earle Chang, (T. Highland 4717)		466 East Fender, Vancouver, E. C.

6. 90H-1-3

SHANGHAI MUNICIPAL POLICE No. S. A. S.1. Specialvement

REPORT

Subject List of Short Move Stations in Shanghai

Made by D.S.I. Vrchdie For arded by

att ched is on up to dote list giving particulars of known short wave radio stations in Shanghai, including call signs, power, wavelength etc.

The control station denotes the place where the actual messages are topped out whence they may be conveyed by telephone wire to the transmitter. As the control stations wiso receive messages the separation from the transmitters is done to prevent interference which would be experienced close to sets with a large power output.

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J. 3. I.

D. . (Special Branch)

LIST OF ANY AN SPORTWAVE STATIOUS OPERATING IN THE INTERNATIONAL DETIRED AT - October 26, 1939

Name of Owner	Call Sign	Power and wavelength	Address of Control Station	Location of transmitter	Particulars of broads et made	Remarks (Office address & name of the responsible person etc.)
1. Jardine Matheson & Co., Itd.	XWS XWC XWL XVR	41M - 100M 41M - 250W 32M - 750W 41M - 250W	992 B'well Rd.(Top) and 110/15 Howlmein Rd.	220 Kiukiang Rd.(alternative 27 The Bund)	Ships, coast, river service and ports.	Office at 27 The Bund. A.R.St. Louis or A. Freser.
2. Butterfield & Swire	G TZ N	38.5M-500W	Sutterfield & Swire Office	Glen Line Bldg., 27 The Bund	- Ĉ O-	N. Smart.
3. Mollers' Towages, Ltd.	(X:A	39.5M-200#	Toller Stables, opposite Race Course	Chartered Bank, 18 The Bund	Tuge only)	Mr. A. Cormack wireless Supt.
	(XMB	32.6M/2 KW	- do -	-do-	Vessels)	
4. Texas Co.(China) Ltd.	KZA KZB	25M - 100W 48M - 100W	Office at Hongkong Shanghai Bank, 12 The Bund.	H. & S. Bank, 12 The Bund.	Tientsin.	
5. Keilan Lining Administration	XRV6	26M - 150W 50M - 150W	Office at Hongkong and Shanghai Bank, 12 The Bund.	(ame)	Tientsin and Cringwangtao	
5. Globe Wireless Co.	Various ICYXOH	33M 2x2 KV 27M 1x1 KV etc. 15745/11065 Frequency	Lane 354 Seymour Rd., House 5, 2nd floor.	Ascot Apts.	Manila	N. Brown 51 C anton Road.
Shanghai Coast Station.	XSG	600,500,36M 3K.W.	Conton Rd.	51 Canton Rd.	Ship service	-do-

	Name of Cwner	Call Sign	Power and Wavelength		Location of transmitter	Particulars of broadcast made	demarks: (Office address & name of responsible person etc.)
7.	Bentleys Ltd.	Various etc. XHV	Various 27M 4x1 KW 31M 1x2 KW 42M	82 Nanyang Road.	82 Nanyang dd.	Domestic China	Mr. Marco. Office, Chartered Bank, 18 The Bund.
(Shanghai Inter- national Radio Office(operated by Japanese)	Various XCU	Various 23M, Chengju	Sassoon House	Pingliang Rd. Chengju	International	G.C.T.C.
	Shangnai Coast Station	XSN	600, 705, 800M 27. 36, 48M 3 KW		Lay Road	C.C.T.C.	
	The Maritime Customs	XUL5	Not used.				
	Asiatic Petroleum Coy.	APIO	80M - 40W	1 The Bund	1 The Bund	To installation	Mr. Barter, A.R. St. Louis
	China Printing & Finishing Co.	OPO	50M - 5W	Way Foong House	Wayfoong Hous e	To print Works, Postung.	A.R. St. Louis
	Hongkew & Shanghai Tharf Co.	SO/SW	50H - 5W	Wharf	Wharf	Postung	A.R. St. Louis
13.	Standard 011 Co.	Nil.(will be	5W Phone from or	ffice to Installation)			
14.	Press Wireless	XUV	30 H - 2KH	Hwakee Avenue, Bubbling Well Rd.	Hwakee Ayenue	U.S.A only and Manila	Hamiltor House

,	Name of Cwner	Call Sign	Bower and Wevelength	Address of Control Station	Location of transmitter	Particulars of broadcast made	Remarks: (Office address & name of responsible person etc.)
15.	Domei	?	384 - 500 W	Domei Office, Avenue Ed. VII	Domei Office	Japonese occupied areas	·
16.	Reuters	XMRW	21K - 2 KW	C ffice	Rue du Grouchy	London, Hongkong and Ports.	J.T. John
17.	Osaka Asahi Shimbun	Kana	27, 39, 494 · 3x700 ₩	K/Seward Road Opposite Lester Institute.	Quinsan Gardens	Japan	Tubacaki
18.	Chinese-Italian Mavigation Co.	ILKK	49M 100 W	Canton/Szechuen Roads	Canton/Szechuen Roads	Ship service	Y.F. Yui
19.	China National Aviation Corporation.	x.3.6.	4 x 250W 10,100 KC	Burlington Rotel, 1225 B'well Rd.	Burlington Hote 1225 B'well Rd.		314 Ave. due Roi Albert, A.R.St. Louis

APR 4 1989

Nipponese Preparing Canton Broadcasting In Chinese, English

(Reuter's Agency)
CANTON, Apr. 4.—With all prerarations nearing completion, the
Japanese authorities here expect to
begin broadcasting from Canton
in the near future, probably within a week.

in a week.

The call-sign of the station which is said to be practically ready, will be. HDOK. and all troadcasts will be on short waves According to a tentative program, broadcasts will be made in English and Chinese, and will include lectures, news—foreign, local and on the Sino-Japanese war and musical recordings.

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NORTH-CHINA DAILY NEWS,

MAR 1 6 1939

Chungking to Broadcast To World

New Radio Station Opened; **British Installation**

Chungking, Mar. 14.

The Central Broadcasting Station here has officially announced the commencement of broadcasts over a new 35-kilowatt shortwave station, for Britain, France, Italy, Germany, North America, Siberia, Manchuria, North China, Japan, the South Seas and Soviet Russia.

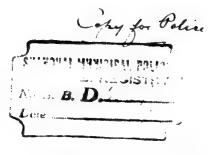
The new powerful station was constructed by the British concern of Marconi's Wireless Telegraph Company Ltd.

It was originally intended for Nanking, but after the commencement of the Sino-Japanese hostilities, it was moved to Chungking.

Special broadcasts for Britain, under the call sign of XGOY, operating on a wave-length of 25.51 metres, will be made daily at 11 p.m. London time. It will consist of daily new bulletins.—Reuter,

K. 19/1

P.



January 11,

20.

A.H. George, Esq., C.M.G., Commercial Counseller, British Embassy, 27 The Bund, Shanghei.



91r,

With reference to my letter of January 4, I enclose a list of all commercial broadcasting stations situated in the Settlement recorded by the Police.

I am, Sir,

Your obedient servent,

G. Godfrey Phillip:

Secretary.

Macl:





LIST OF BROADCASTING STATIONS IN INTERNATIONAL SETTLEMENT, SHANGHAI.

Frequency	Power in watte	Call Sign	Home and Address	Nationality
600	50 0	XMEA	445 Race Course Road.	American
63 0	not known	XQHA	Great Eastern (Dah Tung) Whangpoo Wharf, Yangtszepoo.	Japanese
-007=	∧	4	~	-
680	100	•	J.C. Bosustow, Rooms 401-403, 346 Szechuen Road. (In course of construction)	British
700	50 0	XVEC	Shanghai Evening Post & Mercury Station, Lame 1789, Avenue Road.	American
740	100	ХНИВ	Kien Wah, Lane 504, 36 Avenue Foch. (Frequency changed from K.C.720 prior to 26/11/38).	Chinese
760	1,000	XMHD	Foh Ying (Christian Broadcasting Association), 128 Museum Road.	Foreign owned.
760	100	XHHV	Yeu Iden (Union), 4th floor, Chang Wan Hotel, 560 Avenue Edward VII.	Chinese
780	500	XMEDE	American Commercial Broad- casting Station, Room 266, 131 Hoopen Road.	American

*

Trequency	Power in watts	Call Sign	Tame and Address	Mationality
800	50	ARIX	Sun Sun Station, Sun Sun Company Building, Wanking Boad.	Chinese
860	100	XIHG	Tung Loh Station, 245 Chekiang Road.	•
880	200	XQEO	Francois Lespinasse (French), Lane 183, 15 Chengtu Boad. (In course of construction)	Fren ch
900	not known	XOJB	Dah Shang Hai, Hardoon Building, Manking Road.	Jap anese
940	400	XXXX	Li Shu Tuh Tang, 250 Burkill Road.	Chinese
960	100	XHIP	Ming Yuen, 132 Hoopeh Road.	66
980	500	XMEB	Fuh Ying (Pure Karma Buddhist Association), 418 Hart Road.	N
1020	100	XLHB	Hwa Tai, 161 Centon Road.	el
1040	100	XEEH	Great China, 313 Foochow Road.	11
1060	100	XCHT	Commercial Broadcasting Station, 405 Tientsin Road (Song Ih)	Italian
1080	100	XHILI	Yung Sung, Room 204 Tai Wu Building, 81 Lloyd Road.	Chinese

Frequency	Power in watts	Call Sign	Tome and Address	Mationality
1100	100	XHRA	Sin Hwa, 470 Nanking Road.	Chinese
1120	100	XMEJ	Da Lei, Sth floor, Yangtaze Hotel, Yunnam Road.	10
1140	100	XXXXX	Dah Mei (), 15 Bubbling Well Road.	н
1160	100	XHTM	Tsing Mei, 130 Avenue Road	et
1180	100	XHUZ	Hong Myih, 93 Canton Road.	**
1200	100	XERD	Kuo Wah, 535 Canton Road	H
1220	100	XHEG	Tung Fang, 120 Yu Ya Ching Road.	British
1220	not known	хомв	Mei Sung, 423 Nanking Read. (In course of construction)	Believed Japanese owned.
1240	100	XHHY	Lee Lee, 395 Bubbling Well Road.	Chinese
1260	100	XHIP	Hwa Shing, 19 Tsingtae Road.	n
1280	100	XHIC	Dah Yah, 545 Kiukiang Road.	W
1300	200	XQCT	Liang Yue, 454 Wanking Road.	Swise

Frequency	Pawer in watte	Call 8100	Your and Address	Mationality
1300	100	XQHQ	Skylark (Tien Chuen), 701 Foochow Road.	German- Chinese
1320	100	XHRT	Young's Broadcasting Station, Lane 145, 23 Kuling Road.	Chinese
1340	100	XHHK	Dah Loh, 851 Peking Road.	British
1360	200	XQED	Hwa Tung, 465 Ewangse Road.	elt .
1380	100	XQEE	King Ying, 159 Chekiang Road.	Chinese
1440	100	XHAC	Anglo-Chinese Broadcasting Station, 441 Hankow Road.	British

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CSHA	NOLM YOU	CHURCHE
No.	s. B. D.	L.S.STIAY
Dat	·	
James	6,	30.

CONFIDENTIAL DRAWER

The Secretary, S. M. C.

Reference: Tour entermount to Table

Subject : Link of Brandspoker Makissa

I forward herewith a list of all communical Broadcasting Stations recorded by the Police.

Sd. K. M. Bourne.

Commissioner of Police.

TP/

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6/1/30

P.a. L. CP.

It is in order to furnish lest of les on white the Palei to Sending out from Palei Had. 25 (even to Juntariat) any list of short wave as the fahance have been at me on more than one occasion for this

The Kolentan.
D. C. Special Branch.

Ref. No.

Shanghai Municipal Council.



January 5 1939.

Secretary,

3. M. C.

Reference: K.19/1. Letter from H.B.M. Commercial Counsellor.

I forward herewith (A) a list of Commercial Broadcasting Stations and (B) a list of Shortwave Stations in Shanghai.

Commissioner of Police.

List of mean Shortwere Padio Stations exerction in International Settlement - Jaguary 4, 1939.

		Immuner	Tone of Owner	Couration Power	Address	Bent Line
x	1.	46.4 ant 46 metres.	Ardine, Mitheesen & Go. 154.	not known	27 The Burd.	
×	2,	Not Enova	Betterfield & Swire.	net known	French Band.	Station lessted at 133 Executes Read.
	3.	Not known	Mellers' Towages LA4.	not known	Record \$19-225, 12 The Bund.	
*	4.	Notmose 30 and 80 metros.	Tenno Co. (China) LA4.	100 watts	Hengiong & Mang- hai Best Building, 12 The band,	
•	8.	Hot known	Mailes Mining	not known	Room \$14-321, 12 The Bund.	
	6,	Not known	The Robert Dellar Co.	not known	51 Canton Hond.	Now believed to be a Branch of Globe Vireless.
	7.	Not known	Soutlaye 144.	not known	18 The Eard.	Commercial Vireless Telegraphs.
×	. 6.	Not known	Transceons Enc-Min (Norm agency).	not known	67 Tentin Road.	
	9,	Not known	Shanghai International Sadio Office (operated by Japanese).	not known	Nation Read.	
*	10.	36.5 motous and 30 motous continuous wire.	The Maritime Custome.	800 untto	1708 Minse Road.	

The stations marked "af are private stations intended for the use of the business concerns owning them.

APPRINDIX - "B"

List of known Shortwave Radio Stations operating in International Settlement - January 4, 1939.

		Frequency	Name of Owner	Operating Power	Address	Remarks
x	1.	42.6 and 45 metres.	Jardine, Matheson & Co. Ltd.	not known	27 The Eund.	
x	2.	Not Knewn	Butterfield & Swire.	not known	French Bund.	Station located at 133 Szechuen Road.
x	3.	Not known	Mollers' Towages Ltd.	not known	Rooms 219-225, 12 The Bund.	
x	4.	Between 30 and 50 metres.	Texas Co. (China) Ltd.	100 watts	Hongkong & Shang- hai Bank Building 12 The Eund.	,
×	5.	Not known	Kailan Vining Administration.	not known	Rooms 314-321, 12 The Bund.	
	6.	Not knewn	The Robert Dollar Co.	not known	51 Canton Road.	Now believed to be a Branch of Globe Wireless.
	7.	Not known	Bentleys Ltd.	not known	18 The Bund.	Commercial Wireless Telegraphs.
×	8.	Not known	Transocean Kuo-kin (News agency).	not known	67 funsin Road.	
	9.	Not known	Shanghai International Radio Office (operated by Japanese).	not known	Massoon House, Jinkee Road.	
x	10.	35.5 metres and 50 metres continuous wave.	The Maritime Customs.	500 watts	1708 Sinza Road.	

Mote: The stations marked "x" are private stations intended for the use of the business concerns owning them.

WCT/

SHANGHAI MUNICIPAL POLICEMANGHAI KUNTCH

S.1. Special

REPORT

Subject (in full) Letter from H.B.M. Commercial Counsellor

Broadcast and Shortwave Stations in Shanghai.

Made by DaSaI Logan Forwarded by

With reference to the attached copy of a letter dated December 23, 1938, from the Commercial Counsellor, H.B.M. Embassy, 27 The Bund, to the Secretary, Shanghai Municipal Council, requesting a list of Broadcast and Shortwave Stations operating in the Settlement, a list of Commercial Broadcasting Stations is attached hereto as Appendix "A" and a list of Shortwave Stations as Appendix "B".

D.C. (Special Branch)

LIF OF MOADOWEIDS SEATIONS IN MARRIES - Japanery 4, 1939

Znamener.	Amer is write	Sall Bion	These and Address	Estimality	hematka.
500					
800					
000	500	1	445 Race Course Read.	American	•
690	not known	ZINA	Great Rators (Buk Tung) Thangpee Tharf, Engineepee,	Jayanese.	Frequency changed from K.C.660 to K.C.636 prior to 86.11.38.
660	-	•	•	-	Reserved by Japanese.
600	100	-	J.C. Bergeter, Rooms 401-408, 346 Recommon Book.	miliah.	In course of construction.
700	800	33,000	Manghai Breating Post & Mirroury Station, IAnn 1788, Aronne Rood.	American	
790	•				
740	100	2000	Fice Wah, Lamp 804, 36 Arome Fuch. (Frequency changed from E. 6,780 prior to 26,11,30)	Chinese	Registered with Aspanese Broadensting Superinten- iones Office.
700	1,000	2000	Joh Ting (Christian Breadenting Assessation), 186 Massey Roads	Persia wood.	
100	100	2500	Non Lies (Thies), 4th floor, Gung Sha Estel, 560 Arouse Strant VIL	Chinese	Registered with Japanese Breadesting Superinten- dance Office. Commenced breadeseting on 10,12,38 without permission of S.M.C.

Interest	Person in with	Sell Sim	Man, and Address.	Mileselity	Bearing.
(700	300	35468	American Commercial Breadensting Station, Room 200, 151 Hospek Road,	American	Commod by Mr. P.E. Vagmeter registered with U.S. Community-Commons.
800	66	IIIA	Sur Sur Station, Sun Sun Georgesy Building, Making Roads	Chinese.	Hotablished prior to August 15, 1437 and not registered with Japanese Breakensting Reportstandance Office.
200	net known		Cai Kai (f is), 874 Route Presper Paris.	Pereign ewood,	French Concession.
849	100	220	Dat Ching De Station,	Chinese.	Prench Generosian.
800	100	27.500	Tung Leh Mation, 845 Cheking Roods	•	
800	200	X400	Francis Localinace (Breath), Lane 163, 16 Changin Real.	French	In course of construction, Application received by B.E.P. on 10.18.36.
190	net known	1073	Inh thong this Marious Inclining Building Ross.	Ayenete	
960	100		Too Blan, 94 has Baren Greet.	Chinese	Proud Consession, Not registered with Problemsing Superintender once Office.
•	400	XXXXX	Li den Tra Tong, 200 Derkill Reed.	•	Registered with Jayanese Breadeneting Superinten- dence Office.

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Income	Piper la Valla	all the	None and Address	Etimality	less the
160	100	X	Hing Tuen, 128 Hoopsh	Chinose	Registered with Japanese Presidenting Superintendence Office.
900	800	20003	Pol Ting (Pero Karna Bråfhist Association), 418 Mart Rond.		Botablished prior to August 13, 1937 and not registered with Broadcasting Superin- tendence Office.
2000	•	•	•		Reserved by Japanese.
1000	100		Des Tal, 161 Canton Rend.	•	Registered with Japanese Breadensting Reportationses Office.
3040	100	X	Great Chian, 313 Foocher Rend.	•	-40-
1000	160	TOTAL	Commercial Breadcasting Station, 405 Tientein Road (Song Ih)	Italian	Frequency changed from K.G.1866 to E.G.1866 on 16.11.38.
7000	100	39863	Yong Song, Room 304 Yai We Beilding, 81 Lloyd Bond.	Chinese	New station - posmit issued by Breadstating Superinten- dence Office,
3300	100	XIIIA	Ris Bio, 470 Building Read.	•	-to-
1120	100	XXXX	In Jai, 6th floor, Taugtee Rotel, Tennan Rook.	•	-40-
13.40	100	X STATE OF THE PARTY OF THE PAR	Neb Mod (大夫)。 18 Rebbling Well Road.	•	-40-

			- 4 -		
Tresuese.	Power in watte	ent ste	Home and Address	Bationality	Benerite
1160	100	XXXX	有 Jeing Mei, 130 Avenue Mi.	Chinese	New station - permit issued by Japanese Breadcasting Superintendence Office.
1100	160	200	Hong Nyth, 93 Canton Me.	•	Registered with Japanese Breadcasting Reportatemesteres Office.
1.800	100	ZUMON	Kee Wah, 535 Canton Boad.	•	-4e-
1220	100	X1006	Trug Fung, 120 Yu Ta Ching Read.	British	Formerly Chinese evacé. Refused to register with Breadcasting Superintendence Office. Ouncrains trans- ferred to Charles Hoder on 2/ 12/38. Sale registered with British Consulate-Someral.
(1220	net known	Equal	Hei Sung, 423 Hanking Read.	Believed Japanese omed.	In course of construction.
1900	100	XMX	Lee Lee, 395 Bubbling Well Bod.	Chinese	Registered with Japanese Breadcasting Superintendence Office.
1.360	100	XXIIIX	But Siling, 19 Trington	•	
1500	180	DELC	Dan Tah, 845 Kinking Rt.	•	New station - permit issued by Broadcasting Superinten- dence Office.
1300	200	1401	Liang Two, 454 Fanking Road.	Swiss	Registered with Swiss Consulate-Semeral.

			0-11 04	Tono oót Addreso	Estimality	lemarks
	TARREST.	Power in watto	Call Sim	Tame and Address 天 坊	BRE IGHET 1FA	
	(1300	100	Xopus	Skylark (Tien Chuan), 701 Feechew Read.	Chinese.	F.V. Wettengel (derman) is the licenses. Engistered with Broadcasting Superintendence Office.
	1300	100	THE .	Young's Broadcasting Station, Lane 145, 23 Kuling Bod.	Chinese	New station - permit issued by Breadcasting Superinten- dence Office.
	1340	100	XMX	Dak Loh, 851 Peking Read.	British	Formerly Chinese sumed sold to Carles Medar on 19.12.38 (refused to register with Broadcacting Superistendence Office). Sale registered at N.B.K. Consulate-General.
	3.560	200	AND .	Run Tung, 465 Evengee Rund.	•	Formerly Chinese ewned which refused to register with Breadcasting Superintendence Office. Sold to Chrise Boder on 1.12.38 and sale registered at H.B.M. Consulate-Seneral.
	1800	100	Zerk	King Ying, 159 Choking	Chinese	New station - permit issued by Breadensting Superinten- dence Office.
	1400	net knewn	75	French Station, 196	French	French Concession.
	1480					
	1440	100	XXAG	Angle-Chisese Breadensting Station, 441 Engley Read.	British	In course of construction. Ouncd by L.L.F. Fearen.
	No and Malayer descriptions	•		(Reported on 13.12.38 that an Identity unknown).	other station is	ming K.C.1440.
The state of the s	Million and south single old color	Andrews of the second		and the same of the same of		

Control of the Contro

APPENDIX : "1"

List of known Electronic Sections operating in International Settlement - January 4, 1939.

		Irement.	Long of Proper	Operating Power	Address	Room rips
x	1.	\$3.4 and 45 metros.	Jardine, Matheson & Co. 184.	not known	27 The Bund.	
×	2.	Not Enoun	Batterfield & Dwire.	not known	French Bund.	Station located at 133
x	3.	Not known	Hellers' Towages	not known	Record \$19-225, 12 The Bund.	
×	4.	Estucia 30 and 90 metres.	Terms do. (China)	100 watts	Hangkong & Shang- hai Mak Building, 12 The Dand.	
=	5.	Not known	Enilan Mining	not known	Rooms 314-321, 12 The Bund.	
	4.	Not known	The Rebert Dellar Co.	not known	\$1 Ounten Read.	Now believed to be a known of Slobe Wireless.
	7.	Not known	Bentleys I44.	not known	18 The Bund.	Commercial Vireless Telegraphs.
x	8.	Not known	Transcoon Exe-Min (More agency).	not known	67 Tunnin Rood.	
	9.	Not known	Shanghei International Sadio Office (operated by Japanese).	not known	Insseen House, Jinkos Read.	
x	10.	35.5 metros amá 50 metros continuous Ways.	The Maritime Quetoms.	500 watte	1706 Minsa Read.	

Hold: The stations marked "me are private stations intended for the use of the business concerns eviding them.

K 19/1

Please quote Ref.15/40/1938 ERITISH EMBASSY 27 The Bund SHANGRAN ME REPORT PRELICE
S. B. REGISTRY
No. S. B. D. 6813/10
No. S. B. D. 30 /2 38

Prince , secons

23rd December, 1938.

Sir,

I have been approached by a publishing firm in New Zealand to furnish them with an upto-date list of Broadcast and Shortwave Stations in China.

In the disturbed conditions at present existing throughout this country I fully realise that it is not possible to furnish the information required with any degree of accuracy, but I should be very grateful if you could let me have a list of such stations at present operating in that part of Shanghai administered by your Chuncil, their frequencies and operating power, if such a list is available.

I am, Sir,

Your obedient servant,

(sgd) A. H. George

COMMERCIAL COUNSELLOR

The Secretary,

The Shanghai Municipal Council, SHANGHAI. List of Broadessting Stations in the International wattlesis

Immeny	Gall Rigg	Per and Address	Bonester.
860	-		
580	•		
600	XMMA (American)	445 Race Course R4.	
620	-		
640	-		
660	(Japanese)	Dak Tung (大東)。 Whangpeo Wharf, I'poo	
700	(American)	Banghai Evening Feat & Moreusy Station Lane 1729, Avenue Rd.	ı,
720	XXXX	Kien Wah, Iame 504, 36 Avenue Feeh.	Registered with Breadersting Superintendence Office.
740	-		
760	(Poreign)	Feb Ying (Christian), 188 Huseum Read.	
780	-		
800	XIIIA.	Sun Sun, Sun Sun Co., Making Road.	
820	IQUB (Foreign)	Chi Kai (子间)。 French Concession.	FILE
840	23000	Dak Chang Mra. Rec de Consulat.	\mathcal{V}
860	XXXIII	Tung Leh, 245 Chekiang Read.	21/4
880	•		
900	XOJB (Japanese)	Dah Shang Hai, Mardoon Blig, Muking Road.	
920	-		
940	X1908	Li Shu Tuh Tang, 250 Barkill Road.	Registered with Breadcasting Superintendence Office.
960	XXXX	Ming Tuon, 138 Rospok Real.	-to-
980	XXXX	Fuh Ying (Buddhisto),	

>

Frequency	Call Sign	Name and Address	<u> Benezka</u>
1360	TOTO	Bra Tung, 465 Evangue Rood.	•
1380	IOK	King Ying, 159 Chekiang Bead.	Permit issued by Breadcasting Superintendence Office.
1400	772	French Station (in French Concession)	
1420	-		
1440	-		
1460	-		
1480	-		



de SB.

DBD. 25/5

- SUBJECT: 1) RADIO BROADCASTING IN CHIMA.
 - 2) CHARACTERISTICS AND LOCATIONS OF THE PRINCIPAL RADIO BROADCASTING STATIONS IN THE FAR EAST.

1. HADIO BROADCASTING IN CHINA - ORGANISATION OF.

In December 1932 China took part in the International Conference held in Madrid. The Conference decided to adopt the "General Regulations concerning radio communication."

According to the contents of these regulations, frequencies assigned to all fixed, land and broadcasting stations, asxwell as their power limits must be made known to the sureau of the Union for publication purposes, in order that the stations concerned may conduct regular services and avoid causing international interference. Frequencies must be chosen in such a manner to avoid, as far as possible, interfering with international services belonging to countries that are members of the Union and conducted or operated by existing stations, the frequencies of which have already been notified to the Union. The above notification must be made prior to the service being operated and sufficient time must be given to allow the various administrations to take such steps that they deem necessary for the efficient functioning of their own services.

In principle, the power of radio broadcasting stations must not exceed that limit that will permit of an economic but efficient mational service of good quality within the boundaries of the countries concerned.

The location of powerful radio broadcasting stations, and more particularly of those working near these frequency bands reserved for breadcasting, must be selected in such a way to avoid as much as possible, causing interference with breadcasting services of other countries or to other services operating on meanly similar frequencies.

The administrations of the contracting countries may, under reserve of the contents of the above mentioned paragraphs, assign any frequency and any type of wave to any radio station under their authority, on condition that they do not result in interference with other countries' services.

China has been assigned thirty-one frequency bands by the Radiocommunications International Consulting Committee (See Appendix I - Official Schedule of frequencies assigned to China). In reality, however, China possesses only three stations the power of which exceeds 10 kilowatts and which might possibly cause interefence with international communications. (See Appendix II - List of radio stations at present operating in China).

Chinese radio broadcasting stations are divided into four categories or systems:

- 1. Stations dependent on the Minister of Communications.
- 2. Stations dependent on the Nanking Central Tangpu.
- 3. Stations dependent on Provincial or Municipal Governments.
- 4. Private Stations.

The first three categories are responsible directly or indirectly to the Central Authorities, transmitting identical programmes in which Chinese politics and the education of the masses play the greater part. They are subsidised by the Central Government (Minister of Communications) and by the Prowincial Governments.

SITUATION ON JANUARY 1, 1936.

Up till December 1935 private radio broadcasting stations were not subject to the control of the Central Authorities. Provisional Regulations, which are still in force, governed them (See Appendix III).

Since that time the Central Government has become very anxious regarding the great freedom accorded to private atations. Control bureaux have been set up in the principal towns in China (Shanghai, Nanking, Tientsin, Peiping,

Hankow, Canton, etc). These control bureaux have it as a duty to bring to the notice of the Minister of Communications all the faults of the stations under their control. In accordance with Article YXV of the Provisional Regulations, the Minister of Communications may cancel those licences issued to stations for infringements.

In 1936 (November), a Broadcasting Central Committee was created, the head office of which is situated in Nanking. New restrictions concerning private radio stations were adopted. They tend to make Chinese broadcasting a means of cultural instruction (See Appendix IV -Time Schedule for Broadcasts from Private Radio Stations).

The Central Government, however, is running counter to the interests of the owners of private stations, for the hours set apart for the transmission of educational programmes obtain the greater part of their revenues.

From 8 p.m. until 9.5 p.m for example, private stations must re-transmit the programmes broadcast by the central station in Nanking: now this hour is the most remunerative for the transmission of advertising announcements.

REMARKS.

Following the example of other powers, China is obviously attempting to bring its broadcasting system under state control. In Shanghai, in particular, a certain number of private stations will be closed down during 1937.

A statute on Chinese radio broadcasting is now in the process of being prepared in Nanking. It will be promulgated in several months, time.

II. - CHARACTARISTICS AND LOCATION OF THE PRINCIPAL RADIO BROADCASTING STATIONS IN THE FAR EAST.

All the information regarding these stations is given in the attached Appendix (V), as well as a list of frequencies (and stations) registered at Berne (1).

Certain of the stations are without doubt only in a projected state, but mention is not always made of this fact in the remarks column of the document that we have consulted.

⁽¹⁾ Radio broadcasting International Consulting Committee.

(1)	(2)	(3)	(4)	(5A) (5B)	(6)	(7) (8)
1845	241	IGOC	Sian 108.55.00 H	1 70		Administration
9579	31,32	IGED	Shanghai	18.50 -		do -
17794	16.86	IGBB	Shanghai	18.50 -		do-
21550	13,92	IGRA	Shanghai	18.50 -		do -
6096	49.22	XG8B	Shanghai	20		do - Projected
:6105	49,14	IGBA	Hankow	20		do - Projected
9500	31.58	IGOX	Nenking	20		do -
9505	31.56	XGSB	Shanghai	20		do - Projected
9520	31.51	XGSA	Hankow '	20		do - Projected
11735	25,56	XG8A	Hankow	20		do - Projected
11875	25.26	IG6B	Shanghai	20		do - Projected
11900	25121	XGOX	Wanking	20		do -
15240	19.69	IG6A	Hankow	20		do - Projected
17785	16.87	XG6B	Shanghai	20	_	do - Projected
21450	13,99	IGBA	Hankow	20		do - Projectal
21510	13.95	XGGB	Shanghai	20	-	do - Projected

CHINA
(LIST OF RADIO STATIONS NOW OPERATING)

Fract Frequency	Approx. wave length	Call Sign	Name and geographical position of Station.	Power in Watts.	Administration or Operating Company.	Remarks.
in kc/s (1)	in metres. (2)	(5)	(4)	(5)	(6)	(7)
560	535.7	1GOG	Chengtu-Man-Men-Mga, Chengtu, Szechuen.	10,000.	Minister of Communications.	
560	536.7	XLHB	Hwa-Tai, 37B Canton Road, Shanghai.	× 45	Private Station.	•
620	483.8	XHHX	Tah-Loh, corner of Peking and Chefo Roads, Shanghai.	° × 100	Private Station.	
660	454	XGOA	Chung-Yang Central Tangpu, Manking.	75,000	Manking Central Tang	pu.
700	428.5	XMHC	Hwa-Chiao Oversea - 1729 Avenge Road, Shanghai.	× . 500	Private Station.	
711	421.9	XG08	Tung-Yuan-Men-Nga, Chungking, Szech	uenl., 000	Provincial Government of Szechuen.	it
730	410	xgom	Yenseng - 4 Sai Fu Yuan, Peiping, Hopei.	15	Private Station.	

(1)	(2)	(3)	(4)	(5)	(6)	(7)
740	405.4	XHHB	Chien-hwa, 36 Tu Foh Li, Ave. Foch, Shanghai.	50	Private Station	
750	400	XGOK	Canton Central Park, Canton, Ewantung.	100	Canton Kunicipal Government.	
760	394.6	XLHJ	Eastern Asia - 5 Sing Seng Sheng Li, Rue Gaston Kahn, Shanghai.	15		
770	389	XQXX	YMCA - YMCA, Tung Na Lou, Tientsin.	150	Private Station	
770	389	INID	Chung Shan Public Park, Hingpo.	75	Private Station	
776£	386	IGOY	Wu Ko Miao, Tung Men Mga, Kwenming, Yunnan.	250	Yunnan Provincial Government	
780	384.6	ILHA	Sun Sun - Sun Sun Co., Shanghai.	50	Private Station.	
800	375	XING	Tung toh - Tung Fang Hotel, Chekiang Read, Shanghai.	100	Private Station	
800	353	XGOV.	Changsha - Changsha, Hunan.	10000	Hanking Central Tangpu	
830	361.4	ILII.	Heng Ta Li - Ta Hoa Yuan, Chung Shan Road, Wuhu, Anhwei.	30	Private Station	

(1)	(2) (3)	(4) TT (5)	(6) (7)
840	357 XHHU	Ta Chung Hwa-Great China, 559 100 Manking Road, Shanghai.	Private Station
850	353 XLIQ	King Ling - 84 Ying Sze Ka, 50 Hangehow, Chekiang.	Private Station
870	345 XHIC	Pan Ling- 720 Wu Long Ka, Soochow. 75	Private Station
880	340.9 XHHV	Yu Lien- 5 Passage 930, Ave. Foch. 100	Private Station
890	337 IQHC	Jen Chong, 32 Rue No. 31, French 200 Concession, Tientsin.	Private Station
895	335.2 XOMA	Li Wen and Tangpu sub-prefecture, 15 Kiashing Boh-Men, Chekiang.	Chekiang Provincial Government
896	334.8 XGOR	Hunan-Kiao Yu Wei Ping, Changsha. 1000	Hunan Provincial Govt.
900	333.3 XG0I	Shanghai - Civic Centre, Shanghai. 500	Munic'l'y Greater Shanghai
910	329.6 XLIN	Tung Wen-Tung Wen Road, Amoy, Fokien. 50	Private Station
980	327.1 XHHX	Fu Sing - 94 Rue Baron Gros, S'hai.100	Private Station
940	319.1 XHR	Li Sze Teh Dang-150 Edinburgh Rd., 100 Shanghai.	Private Station

APPRIDIX II - Page 4

(1)	(3)	(5)	(4)	(5)	(6)	(7)
934.4	318	igop	Shantung - Siao Wei Loh Lou, Kin Sai Lou, Teinan.	500	Shantung Provincial Government	
950	315.6	IGOP	Peiping - Kan Shih Chiao, Si Cheng, Peiping	300	Minister of Communications.	
960	312.5	XHHF	Ming Yuen - 132/4 Hupeh Road, Shanghai.	100	Private Station	
970	309.8	XHIB	Sze Ho - Pei Ta Ka, Wusih, Kiangsu.	75	Private Station	
980	306	XXXXX	Shanghai - 418 Hart Boad, Shanghai.	600	Private Station	
990	303	190D	Chekiang - Wei Sing Lou Telephone Office, Hangehow.	2000	Chekiang Provincial Government	
1000	30 0	IKRI	Wifeless School - Hounan, Canton.	100	Private Station .	
1000	300	Igor	Taiyuan - Hou Siao He, Taiyuan, Shansi.	50	Shanei Provincial Government	
1010	297	XGOW	Hankow - Chung-Shan Park, Hankow.	5000	Hankow Municipal Government	
1020	394.1	IMEG	Tungfang - Bastern, 120 Yu Ya Ching Road, Shanghai. (Grand Hotel).	100	Private Station	
1430	291	IGOL	Foochow - Tang Tsing Hang, fung Ta Lou.	1000	Hanking Central Tangpu	

APPENDIX II - Page 5

(1)	(2)	(3)	(4)	(5)	(6)	(7)
1040	288.4	XHHI	Tsongsi - Gt.China Dispensary, Foochow Rd., Sthai.	100	Private Station	
1050	286	XHKA	Chunghwa - 29 Yih Wei Road, S.A.D.3, Tientsin.	100	Private Station	
1050	286	XLIF	Kuo Tai - 6 Hanchong Road, Wusih.	100	Private Station	
1060	283	XHHI	Hwa Mai - 565 Manking Road, Shanghai.	100	Private Station	
1070	280	XGOQ.	Homan - Eungting, Kaifeng, Homan.	200	Honan Provincial Govt.	
1090	275.2	KLIO	Yu Sen - 77 Pei Hai Ghiao, Shaoshing.	25	Private Station	
1100	272.4	XHRE	Shanghai - 323 Kiangse Road, Shanghai.	100	Private Station	
1110	270	ILIJ	Kiangsu - Bui Ghiao, Wusih, Kiangsu.	75	Kiangau Provincial Govt.	
1120	267.8	XIAN	Ya Seng - 359 Rue Amiral Bayle, Shanghai	200	Private Station	
1130	265.4	1303	Kiangsi - Wang Yang Min Lou, Manchang.	250	Kiangsi Provincial Govt.	
1150	260.8	IG CZ	Kiangsu - Provincial Govt. of Kiangsu, Chinkiang.	1000	Kiangeu Provincial Govt.	
1180	254.2	XHHZ	Hang Fin - Mavigation, 93 Canton Road, Shanghai.	150	Private Station	
1190	252.1	XIKA	Yu Ying - 14 Teng Shih Koh, Peiping.	150	Private Station	

(1)	(2)	(3)	(4)	(5)	(6)	(7)
1200	250	XHHI	Kuo Hwa - Room 611, Central Hotel, Hupeh Road, Sthai.	100	Private Station	
1210	247.9	XHKC	Ming Kiao - 7 Chaocheng Road, Tsingtao.	100	Taingtao Municipal Govt.	
1220	245.8	IQUG	Ling Ki - Sitsang & Bonlai Roads Corner, Nantao, S'hai	250	Private Station	
1230	243.8	KLIR	Hong Seng - 10 Ze Ka, Tsong An Ghiao, Hangehow.	50	Private Station	
1240	241.9	XHHY	Li Li - 9 An Yi Tseng, North Thibet Road, Shanghai.	100	Private Station	
1250	240	MABS	Chung Hwa Ping Min - Kaopangka, Tingheien, Hopei.	35	Private Station	
1250	240	XLIE	Shing Yih - 79 Po Tah Ka, Wusieh, Kiangsu.	50	Private Station	
1270	238.1	XHIP	Hwa Shing - 19 Tsingtao Hoad, Shanghai.	100	Private Station	
1270	236.2	XLIH	Ta Yu Fong - Ta Ma Lou, Wuhu, Anhwei.	15	Private Station	
1290	•	•	Sian - Sian, Shensi.	-	Nanking Central Tangpu.	
1300	230.7	XQHC	Chiao Tung Pu - M. of Communications, Sassoon House, Manking Road, Shanghai.	500	Minister of Communications	
1320	227	ILIP	Soochew - 32 Ling Teng Lou, Soochow, Kiangau.	750	Private Station	

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APPENDIX II - Page 7

(1)	(2)	(3)	(4)	(5)	(6) (7)
1330	225.5	XLIK	Changchow - Dr. SUN YAT SEN Remembrance Hall, Kiangau.	75	Brivate Station
1350	222.2	XQKA	Tung Pang - Tah Loh Bldg., French Concession, Tientsin.	150	Private Station
1360	220.5	XQHD	Hwa Tung - 592 Ningpo Road, Shanghai.	200	Private Station
1360	220.5	Egoz	Wanning - Chung Shan Park, Nanning, Kwangsi.	1000	Kwangsi Provincial Govt.
1370	218.9	XLID	Asia - 3 Ying Tae Lou, Hangehow, Chekiang.	50	Private Station
1390	215.7	XLIN	Shing Tai Cheng - Tak Sze Xhiao, Wusih, Kiangsu.	50	Private Station
1410	212	XHIA	Hauchew - Public Education Bureau, Pao Tse Ka, Hauchew, Kiangsu.	60	Kiangsu Frovincial Gove.
1420	211	X)OHD	Foh Ying - 128 Museum Road, Shanghai.	14	Private Station
1430	810	XIJA	Ming Kiao Kwei - Public Education Bureau, 13 Tung Ka, Teang Kiang Lou, Nanchang, Kiangsi.	20	Kiangsi Promincial Govt.
1440	208.6	XLHQ	Mgo-Ming - 11 Ziang Zeng Li, Chung Hwa Road, Mantao, S'ha	1 30	Private Station
450	206.8	ILIB	Kiu Dah-Po Jio, Soochow, Kiangsu.	15	Private Station

APPENDIX II - Page 8

(1)	(2)	(3)	(4)	(5)	(6)	(7)
1480	202	XTHM	Gneu Tsang - 7 Sai Gnang Fang, Rue du Marche, S'hai.	50	Private Station	
1490	201.3	XLKS	Yong Teh Dang Po Dah Ka, Kiashing, Chekiang.	20	Private Station	
1500	200	IOCL	Zi Lou, Zi Lou University, Tainan, Shantung.	150	Primate Station	
6820	44	IGOX	Nanking Central Tangpu's Short Wave Station at Wanking	500	"anking Central Tangpu	

1680 metres - (long have) - Dengima - manchiwan -

TRANSLATION

Provisional Regulations Controlling Private Radio Stations

Article I - Any station which by means of radiophonic transmitters, transmits speech or music, shall be known as a Radio Broadcasting Station. Radio Broadcasting Stations must be equipped and used in accordance with these present regulations.

Article II - any citizen of the Republic of China, any company or society wholly Chinese, any school or any association registered with the National Government or any lawfully established corporation may set up radio broadcasting stations in Chinese territory. But the installation may only be made after a permit has been issued by the Minister of Communications. In the case of a Company or an Association, part of whose capital has not been subscribed by Chinese, wishing to set up a radio station, this Society or Association may only request the issue of this permit and set up radio broadcasting stations in Chinese territory, after it has registered with the Chinese National Government and has obtained a registration certificate.

Article III - When a request is made for the issue of a permit for the erection of a radio broadcasting station, the responsible representative must fill in clearly the following:

- Name of the society or association, details of its organisation, its address and full name of the chief of the station.
- 2. Object of establishing the radio station.
- S. Name of the radio station to be created, details of its organisation and an estimate of expenses.
- 4. Power of transmitting apparatus, location of this apparatus and details of the work projected (details must be accompanied by a rough plan).
- 5. Location of the studio.

Article IV - Requests for the issue of a permit must be accompanied by \$10 (permit fee) and \$1 (stamp tax).

Article V - The permit is valid for six months, after which it will be considered as null and useless. If, for some particular reason, the radio station cannot be completed within the stipulated time, the immrested party may, one month prior to the expiration of the stipulated time, explain the reasons to the Minister of Communications and request him to prolong the period for three months. Only one extension period will be permitted.

Article VI - After the installation of the radio station has been completed, the Minister of Communications will only issue the licence after an examination of the station by a delegate sent by him. The delegate will examine the works, apparatus and installations and will see that they are in good condition.

At the same time, the interested party will return to the Minister of Communications the permit previously obtained.

Article VII - The request for the issue of the licence must be accompanied by \$50 (licence fee), \$2 (stamp tax) and a deposit of \$200 or a shop security amounting \$1,000. The security - or the amount of the security - will be reimbursable.

Article VIII - After the publication of definite Regulations, the licence must be renewed.

Article IX - If a licence is lost or theinterested party changes the details mentioned in this licence, he must inform the Minister of Communications and request him, within one weak, to issue a duplicate of the licence or a new licence after having explained the reasons for his request.

Article X - A request for the issue of a duplicate ligence or a new licence must be accompanied by the licence fee and stamp tax fee as provided for in Article VII. If, however, the change in the licence is ordered by the Minister of Communications, the interested party shall be exonerated (from payment).

Article XI - Radio broadcasting station licences are not transferable and must bot be lent or hired.

Article XII - The call signs of radio broadcasting stations will be arranged by the Minister of Communications.

Article XIII - The frequencies of radio broadcasting stations must be arranged by the Minister of Communications and must be continually checked and regulated in order that they do not exceed the arranged frequency by more than 0.2%.

Article XIV - It is necessary as much as possible to reduce the power of the harmonic waves from antennae, in order to avoid causing interference with other radio broadcast stations. If these waves are too strong, the Minister of Communications may order the interested station to reduce them (i.e. to improve them), or again to cease transmitting its programme.

Article XV - During the course of programmes, the call sign and frequency must be given each thirty minutes.

Article XVI - In case of necessity, the Minister of Communications may at any time modify the licence conditions as he may deem fit as well as the contents of articles X and XI.

Article XVII - Transmissions over radio stations are limited to the following:

1. Talks of public interest.

2. Press news. (In case of necessity the Minister of Communications may censor such news).

3. Music, songs and other amusement programmes.

4. Commercial information (The time allowed this item must not exceed one-fifth of the time employed by a radio station in its daily broadcasts and transmissions).

Article XVIII - The Minister of Communications reserves the right to broadcast over radio stations decrees, orders, news, proclamations emanating from Government Administration sources, as well as propaganda talks. If such decrees, orders, etc... are sufficiently important, he may also have them transmitted by these stations (prior to other talks, news, eetc.

Article XIX - If, in case of accident, a radio transmitting station located on a ship or an aeroplane requests help, and a radic broadcasting station hears the S.O.S. or is informed of it by a maritime or land radio station under the control of the Minister of Communications, it must cease transmitting in order to avoid interference and to save or obviate any disaster. The radio broadcasting station in question may only max recommence its transmissions after requests for help have ceased.

Article XX - Any radio broadcasting station that has not obtained from the Minister of Communications the necessary licence, or who is in possession of a cancelled licence, or who has not yet requested a duplicate for a licence already lost, has no right to transmit broadcasts.

Article XXI - The Minister of Communications may at any time despatch inspectors to examine the documents, books, and important schedules of radio broadcasting stations and the work carried out by them. The stations concerned shall not, under any pretext whatever, refuse access to the inspectors in question.

Article XXII - Stations are forbidden to:

- 1. To cause interference or do anything preducial to radio stations belonging to the State, Navy, Army, Air Force and the public.
- 2. To refuse to be guided and controlled by the inspectors of the Minister of Communications.
- To communicate with other stations for the purpose of transmitting news.
- 4. To transmit unreliable news and information.
- 5. To transmit news of a personal nature.
- To transmit words, news, songs, literary works of such nature as to cause a breach of the peace or corrupt good morals.
- 7. To cause interserence with other stations whilst they are functioning.

Article XXIII - The International Convention of Radiotelegraphy and its appendix are applicable to radio broadcasting stations when they are in agreement with these stations and are not in opposition to the present regulations.

Article XXIV - The laws and decrees concerning radiography published by the Minister of Communications of the National Government as well as the various provisional regulations regarding radiography are applicable to radio broadcasting stations when they are in accord with these stations and are not in opposition to the present regulations.

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Article XXV - Any infraction of any of the articles of the present regulations will be liable, according to the gravity of the case, to any of the following penalties:

- 1. Cessation of transmitting broadcasts.
- 2. Cancellation of the licence.
- 3. Confiscation of the apparatus and a fine of from \$50 to \$2,000.

Article XXVI - In the event of a radio broadcasting station infringing any of the present regulations, its Chief will be held respensible.

Article XXVII - The Minister of Communications may at any time revise the present regulations and publish the revised regulations.

Article XXVIII - The present regulations will go into effect as from the date of their publication.

Time Schedule for Broadcasts from Private Radio Stations.

Commence.	Finish.	Duration.	Programmes.	Character.
7 a.m.	7.20 a.m.	20 minutes	Gymnastic. (Transmission from Nanking or gramo-	Educational
7.20 a.m.	7.30 a.m.	10 minutes	phone records) Physical, health or moral education	Educational
7.30 a.m.	8.10 a.m.	40 minutes	Chinese stories or music	Amusement
8.10 a.m.	8.40 a.m.	30 minutes	Kuono (Simpli- fied Chinese language) or educational pro- grammes useful to pupils in element- ary classes.	Educational
8.40 a.m.	9.20 a.m.	40 minutes	Stories or music	Amusement
9.20 a.m.	9.5C a.m.	30 minutes	Foreign languages (English, French, Japanese, Russian, German, etc) or the sciences.	Educational
9.50 a.m.	1C a.m.	10 minutes	Chinese or foreign music.	Amusement
10 a.m.	ll a.m.	1 hour	Interval.	
ll a.m.	11.40 a.m.	40 minutes	Chinese stories, music or songs.	Amusement
11.40 a.m.	12 noon	20 minutes	News or informat- ion programme.	Educational
12 noon	12.40 p.m.	40 minutes	Music, songs, etc.	Amusement
12.40 p.m.	l p.m.	20 minutes	Talks on National Defence.	Raucational
1 ~.m.	4 p.m.	3 hours	Interval.	
4 p.m.	4.40 p.m.	40 minutes	Music, songs, etc.	Amusement
4.40 p.m.	5 p.m.	20 minutes	Stories of an edu- cational value.	Educational
5 p.m.	5.4C p.m.	40 minutes	Music, songs, etc.	Amusement
5.40 p.m.	6 p.m.	20 minutes	Domestic information.	Educational
6 p.m.	6.40 p.m.	40 minutes	Music, songs, etc.	Amusement
6.40 p.m.	7 p.m.	20 minutes	Talk.	Educational

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? F.m.	8 p.m.	1 hour	Music, songs, stories, lives of Chinese heroes.	Amusement
8 p.m.	9.5 p.m.	65 minute	a Rebroadcast of programmes from Nanking.	Educational
9.5 p.m.	10 p.m.	55 minute	s Music, songs, etc.	Amusement
10 p.m.	10.20 p.m.	20 minute	a Didactic programme	Educational
10.20 p.m.	11 p.m.	40 minute	s Music, songs, etc.	Amusement
11 p.m.			Close Down	

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Details regarding Provisional Time Schedule for Broadcasts from Private Radio Stations.

- 1. The duration of broadcasts from private radio stations will be in accordance with the power of these stations. Daily, the broadcasting periods will be:
 - a. 10 hours for stations of less that 50 %. Power.
 - b. 12 hours for stations of between 50 W. and 1.000 W. power.
 - c. 15 hours for stations of between 1.000 m. and 10,000 m. power.
- 2. No station may broadcast for a period of less than 5 hours.
- 3. Broadcasting is only permitted between 6 a.m. and midnight, except on Saturdays, Sundays and holidays, when broadcasting will be permitted for one hour only during the mornings.

 Radio stations must broadcast didactic and amusement programmes at the times stated on the attached schedule.
- 4. Schedule No. 1 is the main schedule:, schedules Nos. 2, 3, 4 and 5 are additional. Each schedule gives the type of programme to be broadcast during a period of 12 hours. Each station will choose that schedule that is most convenient to its own needs.
 - For programmes of less than 12 hours duration, and those on Sundays and holidays, stations will be able to reduce the number of broadcast hours in accordance with the schedule of which they make use.
- 5. Any radio station may commence its transmission before or after the opening hour on the programme, but it must broadcast the best parts of this programme. For example, a station commences its transmission at 8 s.m., whilst the schedule allows for stories, songs, etc. from 7.30 s.m. until 8.10 a.m. Thus the station has not more than 10 minutes in which to broadcast a selection of the scheduled programme.

Radio stations must not interrupt their programmes or transmissions; a temporary halt in transmittings only permitted after two consecutive hours of transmission.

- 6. Broadcasts on economic, weather and news bulletins, the duration of which exceeds five minutes, will be given during those times reserved for didactic transmissions; those of less than five minutes may be given during those periods reserved for amusement programmes.
- 7. Then didactic broadcasts are not finished at the correct time, they may be prolonged by infringing into those periods reserved for recreation or amusement programmes.

 The inverse of this may not be Adrried out.
- 8. Advertising broadcasts will have the same 'character' schedule heading as the transmission which it replaces.
- 9. Advertising will only be given during amusement transmission periods.
- Their transmission will not exceed one-half of the time reserved for the didactic programme. If this is not sufficient, it will be continued in the amusement period, without, however, exceeding one-half of this latter period.
- 11. The duration of talks, songs and music in the Shanghai and Soochow dialects, jokes, Yangchow songs, Yangchow and Ningpo modern theatres, Ningpo songs, may not exceed two hours daily.
- 12. Broadcasts will be divided as follows: 38% for educational programmes and 68% for amusement.

 Broadcasts on economic, weather and news matters, etc....

 will be given during those period reserved for amusement.
- 13. Tests will be made at the following times:
 Midnight to 2 a.m., 10 a.m. to 11 a.m. and 2 p.m. to 4 p.m.
 Part programmes will be sent ower the air.
- 14. Short-wave radio stations are not compelled to keep to the times mentioned in the schedule.
- 15. Broadcasts of ceremonies, sports meetings, festivals, etc...
 will take place during the times reserved for tests; owners
 of private stations interested in such broadcasts will request
 permission from our Committee.

Drawn up by the Radiobroadcast Central Committee.

STRAITS SETTLEMENTS

Exact Frequency in ko/s	Approx. wave length in metres	Call Sign	Name and Geographical Position of Station	Power in Watts	Administration or Re Operating Company	marks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
6012	49.90	ZHI	Singapore - 103.50.55 E - 91.18.00 N	90	Radio Service Coy. of Walaya.	
6080	49.34	ZHJ	Penang - 100.19.00 E - 05.25.00 W	50	Penang Wireless Society 40 Perak Road, Penang, Straits Settlements.	•
			FEDERATED NALAY S	TRAITS		
6135	48.90	ZŒ	Kuala Lumpur - 101.41.43 E 03.07.54 H	1200	Secretary for Postal Affairs, Kuala Lumpur, Federated Malay States.	

HONGKONG (continued)

(1)	10)	(3)	(4)	(5)	(8)	(7)
6090	49.26	ZBW2	Hongkong 114.10.42 k 22.18.30 m	2,600	Colonial Govt. of Hongkong.	
9525	31.49	ZBV3	Hongkong -	2,600	Colonial Govt. of Hongkong.	
15190	19.75	ZBV4	Hongkong _	2,600	Colonial Gowt. of Hongkong.	
			NEW ZEALAND.			
650	461.5	4 YA	Dunedin 170.30.00 k 45.52.00 S	500	madio mrdcatg Co., M. Zealan	d.
720	416.7	2 YA	Wellington 174.48.00 % 41.17.00 8	5,000	Radio Brdestg Co., N. Zealan	d.
900	333.3	1YA	Auckland 174.46.00 E 36.52.00 S	600	Radio Brdcstg Co., N. Zealan	4.
980	306.1	3 YA	Christehurch 172.38.00 s 43.32.00 8	500	sadio Brdostg Co., N. Zealan	4.
1120	267.9	2 ZW	Wellington 174.48.00 & 41.17.00 S	400	2 ZW Broadcasting Service.	
1200	250	3 ZC	Christohurch 172.38.00 k 43.32.00 S	250	3 ZC Broadcasting Service.	
6000	50	3 ZC	Christehurah -	50	3 ZC Broadcasting Service.	
6060	49.50	2 ZX	Wellington 174.48.00 # 41.17.00 8	180	western mleetric Coy.	

SIAN

(1)	(2)	(3)		(4)	(5)	(6)	(7)
867.1	350	HSP 1	Radio Bangkok HSP 1	, 100.31.16 E	-	Posts and Telegraphs Administra.	
937.5	320	H8P 3	Saladong Sangkok,	100.32.00 k	-	-do-	In operation.
625	480	H67PJ	Saladong sangkok,	100.32.00 K	10,000	-do-	
652	460.1	HEKR	Radio Korat,	102.06.48 % 14.59.03 N	500	-do-	In course of construction.
652	460.1	HSPL	Hadio Pitsanuloke,	100.15.48 E 16.49.20 N	500	-do-	-do-
652	460.1	HSUD	Radio Udon,	102.47.18 K 17.25.06 M	500	-do-	-do-
680.1	441.1	HSPJ	Madio Broadcasting Bankkok,	100.31.16 M 13.46.55 N	2,500	-do-	
857.1	350	HSPJ	-do-	-40-	2,500	-do-	
5005	49.96	H8PP	-do-	-do-	2,500	-do-	
8150	48.78	HSPP	-do-	-40-	2,500	-do-	
9500	31.58	H8 6 PJ	Saladong Bangkok,	100.32.00 B 13.44.30 N	10,000	-do-	Projected.
9600	31.25	HSPOPJ	-do-	-do-	10,000	-do-	-do-

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BRITISH INDIA

(1)	(2)	(3)	(4)	(5)	(6)	(7)
670	447.8	VUD	Delhi, 77.13.00 x 28.42.00 N	20,000	Indian State proadcasting Ser.	
730	411	-	Amangabad	1,500	Hyderabad State Govt. Station.	
769	390.1	٧Œ	Wadras, 80.15.00 x 13.05.00 x	•	n.B.S.	construction.
810	370.4	VUG	Calcutta, 88.23.07 x 22.36.40 x	3,000	andian State Broadcasting Ser.	
840	357.1	A TIB	nombay, 72.49.16 E 10.00.27 E	3,000	•	
855	330.9	VUB	Bombay, -do-	3,000	Indian state proadcasting Ser.	
940	319.1	•	Hyderabad	3,000	nyderabad State Govt. Station.	
1030	291.3	-	Gulbarga	3,000	-do-	construction.
1071	280.1	VUA	Allahabad, 81.50.00 m 25.26.00 N	100	Agricultural Institute,	
1150	261	-	Warangal	100	Allehabad. Hyderabad Sate Govt. Station	
1200	250	VUL	Lahore, 74.15.00 B 31.30.00 N	100	•	
1500	200	vUP	Pehewar, 71.30.00 x 34.00.00 M	250		
6085	49.30	-	•••••	•		
6110	49.10	VUC	Calcutta, 88.20.16 E 22.33.31 W	•	•	
9565	31.36	VUB	Bombay, 73.52.00 k 18.36.00 M	•	•	
9575	31.33	VUC	Calcutta, 88.23.07 s 22.36.40 M	•	•	
11870	25.27	VUC	Calcutta, -do-	•	•	
15160	19.79	•	•	•	•	
15290	19.62		•	•	•	

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NETHERLANDS EAST INDIES

(1)	(2)	(3)	(4)	(5)	(6) (7)
631.5	475	•	Mobile Stations	-	metherlands Mavy.
631.5	475	PNC	Morokrembangan - 112.42.36 m 7.13.08 S	-	Netherlands navy.
1530	196.1	YDB7	Soerabaya - 112.44.31 # 7.12.14 S	75	Netherlands India Radio Broadcasting
1550	193.5	YDA4	Soekaboemi - 106.55.24 x 6.55.38 8	250	Company.
1570	191.1	YDB6	Malang - 112.38.11 E 7.59.11 S	100	-do-
1585	189.3	YDD3	Batavia - 106.51.51 E 6.12.38 S	50	-do-
1595	188.1	YDB5	Soerakarta - 110.40.43 ± 7.34.22 8	25	-do-
1615	185.8	YDB4	Tjepoe - 111.36.02 B 7.08.45 B	25	-do-
1630	184.0	YDD2	Bandoeng - 107.36.01 ± 7.06.48 8	25	-do-
1640	182.9	YDA3	Suitensorg - 106.47.50 E 6.35.44 S	25	-do-
1660	180.7	YDB3	Djokjakarta - 110.22.11 # 7.48.00 8	100	-do-
2350	127.7	YDE5	-do-	25	-do-
2385	125.8	YDAS	Bandseng - 107.36.01 E 7.06.48 S	150	-do-
2415	124.2	YDE4	Soerabaya - 112.44.31 # 7.12.14 8	75	-do-
2450	122.4	YDBS	Semarang - 110.22.42 & 6.58.54 S	150	-do-
2500	120	YDA2	Batavia - 106.51.51 & 6.12.38 S	50	-do-
6040	49.67	YDA	Tangjongprick - 106.53.00 & 6.06.00 8 1	0,000	-do-

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(1)	(2)	(3)	(4)	(5)	(6) (7)
6120	49.02	-	mandoeng - 107.36.01 x 7.06.48 S	1,500 metherland	ds India Radio proadcasting
9520	31.51	-	matavia - 106.51.55 E 6.12.10 b	3,000	-do-
9540	81.45	-	sataviado-	3,000	-do-
9550	31.41	•	Batavia -do-	3,000	-do-
9580	31.32	-	patavia -do-	3,000	-do-
11770	25.49	•	Batavia -do-	3,000	-do-
11860	25.30	•	matavia -do-	3,000	-do-
15150	19.80	-	satavia -do-	3,000	-do-
15300	19.61	-	Batavia -do-	3,000	-do-
1530	196.1	YDB7	Soerabaya - 112.44.31 x 7.12.14 S	150	-do-
2385	125.8	YDAR	Batavia - 106.51.51 E 6.12.38 8	150	-40-
2500	120	YDA5	Pandoeng - 107.36.01 x 7.08.48 S	75	-40-
2710	110.7	YDE3	Samarang - 110.22.42 E 6.58.54 S	15	-40-
2010	104.5	YDA6	Cheribon - 108.33.16 # 6.42.49 S	15	-do-
4470	67.11	•	Soerabaya - 112.44.31 & 7.12.14 S	1,000	-40-
9650	31.09	YDB	Soerabaya -do-	1,000	-do-
11860	25.30	YDB	Soerabaya -do-	1,000	-de-

BIBBRIA

_	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	18.75	1600	RV14	Ikutsk 104.18.15 E 52.16.45 m	20,000	markomavias	
	217.5	1379	RW76	Novosibirsk - 82.58.15 k 55.03.30 H	100,000	-do-	
	227	1322	R W62	lakutek - 129.45.45 E 62.02.00 H	10,000	-do-	In course of
	333.3	900	RW66	Krasmeiarsk - 92.51.15 E 56.01.00 N	1,000	-do-	construction.
	340	842	RW85	Igarka - 86.38.30 E 67.29.45 N	2,000	-do-	
	350	857	RV63	Oulam-Oude- 107.35.15 E 51.50.00 H	10,000	-do-	
	340	882	RW54	Harbarovsk - 135.03.45 k 48.29.15 m	10,000	-do-	In course of
	556	539.6	RW52	Chita - 113.29.00 m 52.02.30 m	20,000	-do-	construction
	877	519.9	RW72	Cheliabinsk - 61.25.00 m 55.10.15 m	10,000	-do-	
	580	517.2	RW54	Harbarovek - 135.03.45 E 48.29.15 N	10,000	-do	
	685	472.4	RW32	Vladivostock - 131.53.15 E 43.07.30 N	10,000	-do	
	6030	49.57	R V97	Novosibirsk - 82.58.15 E 55.03.30 N	20,000	-åo-	Projected.
	6080	49.59	RW59	Irkutak - 104.19.45 B 52.16.45 H	20,000	-do-	Projected.
	6070	49.42	RW79	Novosibirsk - 82.58.15 E 55.03.30 N	20,000	-do-	Projected.
	6100	49.18	NT99	Irkutsk - 104.19.45 E 52.16.45 m	20,000	mational Broadcasting Coy.	
	6120	49.02	RW97	Novosibirsk - 82.58.15 E 55.03.30 H	20,000	Inc. Harkomevias	Projected.
	6140	48.86	R W9 7	Nevosibirsk -do-	20,000	-do-	Projected.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
9610	31.22	RW99	Irkutak - 104.19.45 x 52.16.45 M	20,000	Narkomevias	Projected
9630	31.15	H488	Irkutekdo-	20,000	-do-	-do-
9650	31.09	R W99	Irkutskdo-	20,000	-do-	-do-
9660	31.06	RW99	Irkutskdo-	20,000	-do-	-do-
9670	31.02	RW99	Irkutskdo-	20,000	-do-	-40-
9690	30.96	R W97	Novembirsk - 82.58.15 # 55.03.30 W	20,000	-do-	-do-
15310	19.60	R T97	Novosibirskdo-	20,000	-do-	-do-
15390	19.49	R W99	Irkutek - 104.19.45 E 52.16.45 N	20,000	-do-	-do-
15430	19.44	R W97	Movosibirak - 82.58.15 E 55.03.30 N.	20,000	-do-	-do-
17780	16.93	RW97	Novosibirskdo-	20,000	-do-	-do-
17730	16.92	RW99	Irkutsk - 104.19.45 k 52.16.45 N	20,000	-do-	-40-
17770	16.88	RW97	Nevesibirsk - 82.58.15 E 55.03.30 H	20,000	-do-	-do-
17790	16.86	R W99	Irkutek - 104.19.45 B 52.18.45 H	20,000	-do-	-do-
17810	16.84	R W97	Novosibirsk - 62.58.15 E 55.03.30 N	20,000	-do-	-40-
580	517.2	RW54	Habarovek - 135.03.45 E 48.29.15 N	10,000	-do-	